

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050413

## A. CLASSIFICATION OF SUBJECT MATTER

INV. H01J61/46 H01J61/72 H01J61/35

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 794 557 A1 (TOKYO SHIBAURA ELECTRIC CO [JP]) 10 September 1997 (1997-09-10) abstract page 1, lines 5-10 page 2, lines 4-44 table 3 claims 1,3,5,9	1-12
Y	EP 1 274 119 A (GEN ELECTRIC [US]) 8 January 2003 (2003-01-08) the whole document	1-12
A	EP 0 708 476 A1 (KASEI OPTONIX [JP]) 24 April 1996 (1996-04-24) abstract pages 1,2 claims 1,5	1-3,5,7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

4 April 2007

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13/04/2007

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 614 783 A1 (FUJINO SHIGEO [JP]) 25 March 1997 (1997-03-25) the whole document claim 1	1,3,5,7
A	FR 2 769 128 A1 (AUPEM SEFLI [FR]) 2 April 1999 (1999-04-02) the whole document	1-3,5-7
A	EP 1 024 185 A (OSRAM SYLVANIA INC [US]) 2 August 2000 (2000-08-02) abstract paragraphs [0006] - [0009] claim 1	1

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Information on patent family members

International Application No

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US 5614783	A1		NONE	
FR 2769128	A1	02-04-1999	NONE	
EP 1024185	A	02-08-2000	NONE	